

## ROUTING AND RECORD SHEET

SUBJECT: (Optional)

Headquarters Power Quality Characteristics

FROM:

DC/New Building Project Office, OL  
3E 40 Hqs

EXTENSION

NO.

DATE

13 JUL 1984

TO: (Officer designation, room number, and building)

DATE

RECEIVED

FORWARDED

OFFICER'S INITIALS

COMMENTS (Number each comment to show from whom to whom. Draw a line across column after each comment.)

1. Actg Chief/HOME/OL

7/13/84

JL

To 1 and 3:

The Office of Communications has requested the attached data to assist them in planning commo support systems for Headquarters. Please forward your response to OL/NBPO.

2.

3. C/E&amp;CB/HOME/OL

7/16

AP

1-3  
please reply  
JL

4.

5.

Vince

7/17

7/17

JD

Att

cc: C/HOME/OL

6.

7.

DC/NBPO, OL

D/M

8.

9.

10.

11.

12.

13.

14.

15.

file  
System

## Power Quality Characteristics:

## UPS:

Voltage	<u>120/208V → 277/480V</u>
Voltage Tolerance	<u>± 10%</u>
Frequency & Tolerance	<u>± 1 Hz</u>
Harmonic Distortion	<u>5% TOTAL (EMERSON)</u> <u>5.2% TOTAL (TELEDYNE)</u>

## VEPCO Power (208/120 service):

Voltage	<u>ALL A-C</u>
Voltage Tolerance	<u>± 10%</u>
Frequency & Tolerance	<u>± 1 Hz</u>
Harmonic Distortion	<u>≈ 3% (EXPECTED TOTAL)</u>

## Emergency Power:

Voltage	<u>ALL A-C</u>
Voltage Tolerance	<u>± 10%</u>
Frequency & Tolerance	<u>± 1 Hz</u>
Harmonic Distortion	<u>≈ 3% (EXPECTED TOTAL)</u>